

PTO/SB/21 (09-04)

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TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	09/745,825
	Filing Date	December 21, 2000
	First Named Inventor	CHISHTI, MUHAMMAD
	Art Unit	2671
	Examiner Name	VO, CLIFF N
	Attorney Docket Number	018563-002500US
Total Number of Pages in This Submission		

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard PTO/SB/08A & PTO/SB/08B 114 Reference Copies
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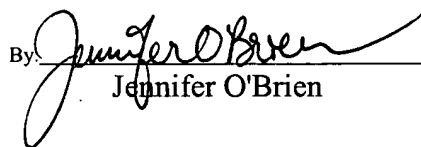
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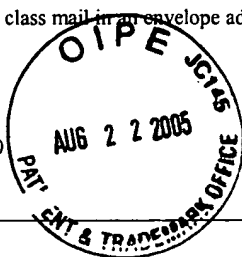
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On 8-19-05

TOWNSEND and TOWNSEND and CREW LLP

By:


Jennifer O'Brien



PATENT
Attorney Docket No.: 018563-002500US
Client Reference No.: AT-00097

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

CHISHTI, Muhammad et al.

Application No.: 09/745,825

Filed: December 21, 2000

For: CLINICIAN REVIEW OF AN
ORTHODONTIC TREATMENT PLAN
AND APPLIANCE

Customer No.: 46718

Examiner: VO, CLIFF N

Art Unit: 2671

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
CFR §1.97 and §1.98

Commissioner for Patents
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Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references [in compliance with the requirements of 1287 OG 163] are enclosed.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

08/24/2005 CNGUYEN2 00000008 201430 09745825

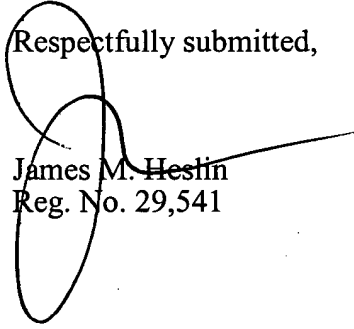
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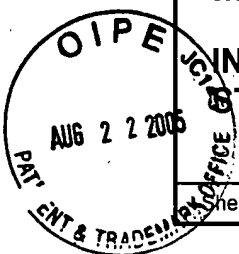
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Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,


James M. Hestlin
Reg. No. 29,541

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 11

Complete if Known

Application Number	09/745,825
Filing Date	December 21, 2000
First Named Inventor	CHISHTI, MUHAMMAD
Art Unit	2671
Examiner Name	VO, CLIFF N
Attorney Docket Number	018563-002500US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	1	3,407,500		10-29-1968	Kesling	
	2	3,600,808		08-24-1971	Reeve	
	3	3,683,502		08-15-1972	Wallshein.	
	4	3,983,628		10-05-1976	Acevedo	
	5	3,922,786		12-02-1975	Lavin	
	6	4,253,828		03-03-1981	Coles et al.	
	7	4,324,547		04-13-1982	Arcan et al.	
	8	4,500,294		02-19-1985	Lewis	
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	15	4,836,778		06-06-1989	Baumrind et al.	
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	19	4,889,238		12-26-1989	Batchelor	
	20	4,890,608		01-02-1990	Steer	
	21	4,935,635		06-19-1990	O'Harra,	
	22	4,941,826		07-17-1990	Loran et al.	
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	31	5,645,420		07-08-1997	Bergersen	
	32	5,692,894		12-02-1997	Schwartz et al.	
	33	5,725,376		03-10-1998	Poirier	
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	39	5,848,115		12-08-1998	Little et al.	
	40	5,857,853		01-12-1999	van Nifterick et al.	
	41	5,866,058		02-02-1999	Batchelder et al.	

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60563802 v1

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
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			Art Unit	2671	
			Examiner Name	VO, CLIFF N	
Sheet	2	of	11	Attorney Docket Number	018563-002500US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	42	5,879,158	03-09-1999	Doyle et al.	
	43	5,880,961	03-09-1999	Crump	
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	48	5,971,754	10-26-1999	Sondhi et al.	
	49	6,015,289	01-18-2000	Andreiko et al.	
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	51	6,049,743	04-11-2000	Baba	
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	54	6,099,314	08-08-2000	Kopelman et al.	
	55	6,123,544	09-26-2000	Cleary	
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	57	6,183,248	02-06-2001	Chishti et al.	
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	64	6,350,120	02-26-2002	Sachdeva et al.	
	65	6,382,975	05-07-2002	Poirier	
	66	6,398,548	06-04-2002	Muhammad et al.	
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	68	6,554,611	04-29-2003	Chishti et al.	
	69	2002/0006597	01-17-2002	Andreiko et al.	
	70	RE 35169	03-05-1996	Lemchen et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	71	AU	517102		07-09-1981	Hito Suyehiro		<input type="checkbox"/>
	72	AU	3031677		05-10-1979	Hito Suyehiro		<input type="checkbox"/>
	73	AU	5598894		06-08-1994	Ormco Corp		<input type="checkbox"/>
	74	CA	1121955		04-20-1982	Suyehiro Hito		<input type="checkbox"/>
	75	DE	2749802		05-11-1978	Suyehiro Hito		<input checked="" type="checkbox"/>
	76	DE	69327661		07-20-2000	Ormco Corp		<input checked="" type="checkbox"/>

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	77	EP	0091876		10-19-1983	Duret		<input checked="" type="checkbox"/>
	78	EP	0299490		01-18-1989	Steinbichler		<input checked="" type="checkbox"/>
	79	EP	0376873		07-04-1990	Shafir		<input type="checkbox"/>
	80	EP	0490848		06-17-1992	Nobelpharma AB.		<input type="checkbox"/>
	81	EP	0541500		05-12-1993	Nobelpharma AB		<input type="checkbox"/>
	82	EP	0667753		08-23-1995	Ormco Corp		<input type="checkbox"/>
	83	EP	0774933		05-28-1997	Sandvik AB		<input type="checkbox"/>
	84	EP	0731673		09-18-1996	Nobel Biocare AB		<input type="checkbox"/>
	85	ES	463897		01-01-1980	Hito Suyehiro		<input type="checkbox"/>
	86	FR	2652256		03-29-1991	Jourda		<input checked="" type="checkbox"/>
	87	GB	1550777		08-22-1979	Hito Suyehiro		<input type="checkbox"/>
	88	JP	04-028359		01-30-1992	Mitsubishi Petrochemical Co		<input checked="" type="checkbox"/>
	89	JP	53-058191		05-25-1978	Yoshii		<input checked="" type="checkbox"/>
	90	JP	08-508174		09-03-1996	Ormco Corp		<input checked="" type="checkbox"/>
	91	WO	90/08512		08-09-1990	Dolphin Imaging System		<input type="checkbox"/>
	92	WO	91/04713		04-18-1991	Jourda et al.		<input type="checkbox"/>
	93	WO	98/32394		07-30-1998	Hultgren Bruce Willard		<input type="checkbox"/>
	94	WO	98/44865		10-15-1998	Nobel Biocare AB		<input type="checkbox"/>
	95	WO	98/58596		12-30-1998	Align Technology Inc		<input type="checkbox"/>

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60563802 v1

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	96	ALEXANDER et al., The DigiGraph Work Station Part 2, Clinical Management, JCO (July 1990), pp. 402-407.	
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	99	ALTSCHULER et al., Laser Electro-Optic System for Rapid Three-Dimensional (3D) Topographic Mapping of Surfaces, Optical Engineering, Vol. 20, No. 6, (1981), pp. 953-961.	
	100	ALTSCHULER, 3D Mapping of Maxillo-Facial Prosthesis, AADR Abstract #607, 1980, 2 pages total..	
	101	AMERICAN ASSOCIATION FOR DENTAL RESEARCH, Summary of Activities, March 20-23, 1980, Los Angeles, CA, p. 195.	
	102	ANDERSSON et al., Clinical Results with Titanium Crowns Fabricated with Machine Duplication and Spark Erosion, Acta Odontologica Scandinavica, Vol. 47 (1989), pp. 279-286.	
	103	ANDREWS, The Six Keys to Optimal Occlusion Straight Wire, Chapter 3, pp 13-24.	
	104	BAUMRIND et al., A Stereophotogrammetric System for the Detection of Prosthesis Loosening in Total Hip Arthroplasty, NATO Symposium on Applications of Human Biostereometrics, July 9-13, 1978, SPIE, Vol. 166, pp. 112-123.	
	105	BAUMRIND et al., Mapping the Skull in 3-D, Reprinted from The Journal, California Dental Association, Vol. 48, No. 2 (1972 Fall Issue) 11 pages total.	
	106	BAUMRIND, "A System for Craniofacial Mapping Through the Integration of Data from Stereo X-Ray Films and Stereo Photographs," An invited paper submitted to the 1975 American Society of Photogram. Symposium on Close-Range Photogram. Systems, University of Ill., Aug. 26-30, 1975, pp. 142-166.	
	107	BAUMRIND, Integrated Three-Dimensional Craniofacial Mapping: Background, Principles, and Perspectives, Seminars in Orthodontics, Vol. 7, No. 4 (Dec. 2001), pp. 223-232.	
	108	BEGOLE et al., A Computer System for the Analysis of Dental Casts, The Angle Orthodontist, Vol. 51 No. 3 (July 1981), pp. 253-259.	

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.); date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	109	BERNARD et al., "Computerized Diagnosis in Orthodontics for Epidemiological Studies: A Progress Report, Paper presented at International Association for Dental Research 66th General Session, March 9-13, 1988, Montreal, Canada. The abstract is published in <i>J Dental Res Special Issue</i> Vol. 67, p. 169.	
	110	BHATIA et al, A Computer-Aided Design for Orthognathic Surgery, <i>British Journal of Oral and Maxillofacial Surgery</i> , Vol. 22 (1984), pp. 237-253.	
	111	BIGGERSTAFF et al., Computerized Analysis of Occlusion in the Postcanine Dentition, <i>American Journal of Orthodontics</i> , Vol. 61, No. 3 (Mar. 1972), pp. 245-254.	
	112	BIGGERSTAFF, Computerized Diagnostic Setups and Simulations, <i>The Angle Orthodontist</i> , Vol. 40, No. 1 (Jan. 1970), pp. 28-36.	
	113	BIOSTAR OPEATION & TRAINING MANUAL. Great Lakes Orthodontics, Ltd. 199 Fire Tower Drive, Tonawanda, New York. 14150-5890. 20 pages total	
	114	BOYD et al., Three Dimensional Diagnosis and Orthodontic Treatment of Complex Malocclusions Wlith the Invisalign Appliance, <i>Seminars in Orthodontics</i> , Vol. 7, No. 4 (Dec. 2001), p. 274-293.	
	115	BRANDESTINI et al., Computer Machined Ceramic Inlays: In Vitro Marginal Adaptation, <i>Journal of Dental Research</i> , Vol. 64/Special Issue/Abstracts, IADR/AADR Abstracts 1985, p. 208	
	116	BROOK et al., An Image Analysis System for the Determination of Tooth Dimensions from Study Casts: Comparison with Manual Measurements of Mesio-distal Diameter, <i>J Dent Res.</i> , Vol. 65, No. 3, March 1986, pp. 428-431.	
	117	BURSTONE (interview), Dr. Charles J. Burstone on The Uses of the Computer in Orthodontic Practice (Part 1), <i>Journal of Clinical Orthodontics</i> , (1979 Jul), Vol. 13, No. 7, pp. 442-53.	
	118	BURSTONE (interview), Dr. Charles J. Burstone on The Uses of the Computer in Orthodontic Practice (Part 2), <i>Journal of Clinical Orthodontics</i> , (1979 Aug), Vol. 13, No. 8, pp. 539-51.	
	119	BURSTONE et al., Precision Adjustment of the Transpalatal Lingual Arch: Computer Arch Form Predetermination, <i>Am, Journal of Orthodontics</i> , Vol. 79, No. 2 (Feb. 1981), pp. 115-133.	
	120	CARDINAL INDUSTRIAL FINISHES, Powder Coatings information posted at http://www.cardinalpaint.com on Aug. 25, 2000, 2 pages total.	
	121	CHACONAS et al., The DigiGraph Work Station, Part 1, Basic Concepts, <i>JCO</i> (June 1990), pp. 360-367.	
	122	CHAFETZ et al., Subsidence of the Femoral Prosthesis, A Stereophotogrammetric Evaluation, <i>Clinical Orthopedics and Related Research</i> , No. 201 (December 1985), pp. 60-67.	

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	123	CRAWFORD, CAD/CAM in the Dental Office: Does It Work? <i>Canadian Dental Journal</i> , Vol. 57, No. 2 (Feb. 1991), pp. 121-123.	
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			Art Unit	2671	
			Examiner Name	VO, CLIFF N	
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